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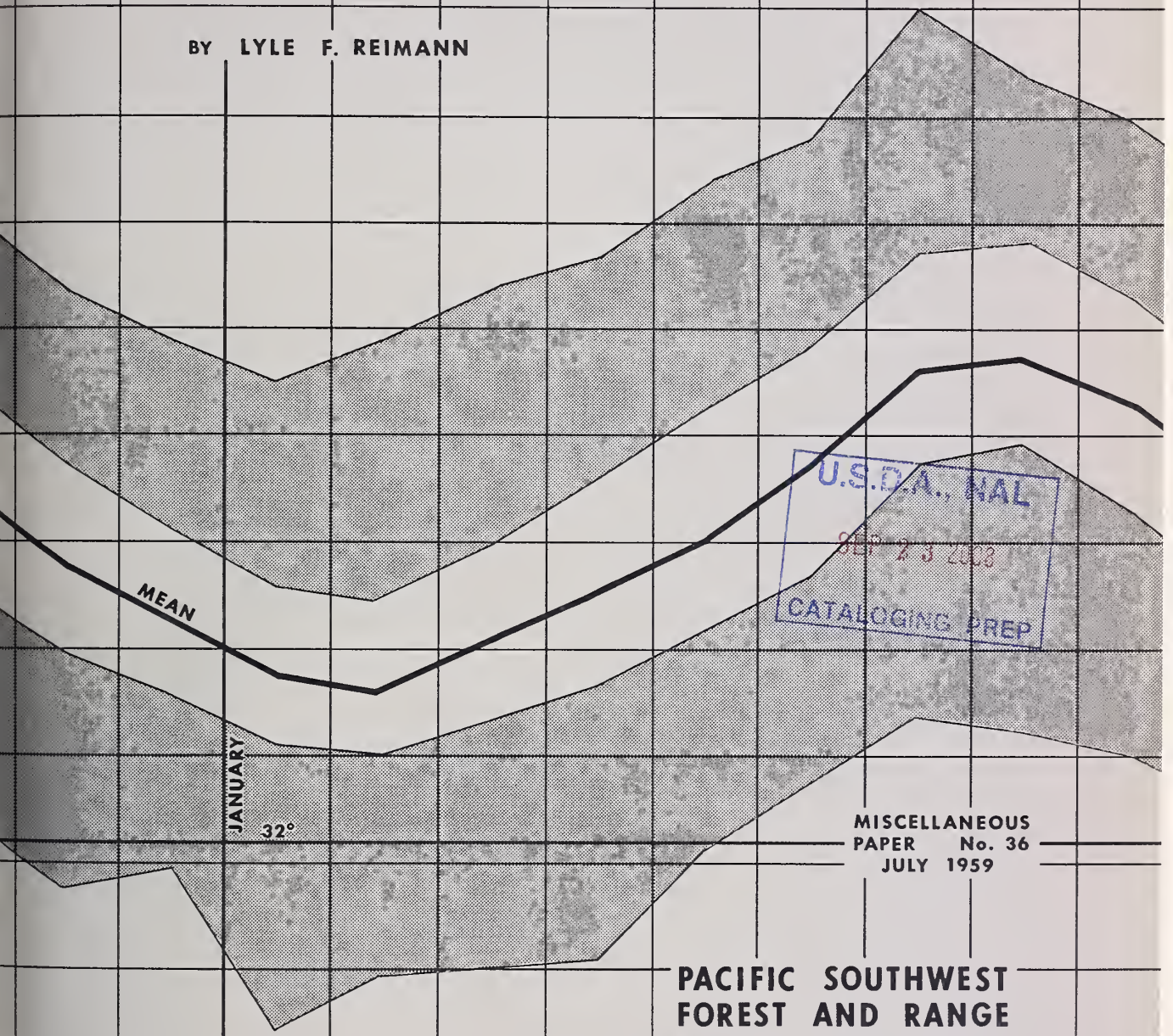
MOUNTAIN TEMPERATURES

DATA FROM THE SAN DIMAS EXPERIMENTAL FOREST

BY LYLE F. REIMANN



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FOREST SERVICE - U. S. DEPARTMENT OF AGRICULTURE

MOUNTAIN TEMPERATURES

Twenty-five Years of Data from the San Dimas Experimental Forest

By Lyle F. Reimann

Miscellaneous Paper No. 36

July 1959

U. S. ~~DEPARTMENT OF AGRICULTURE~~, FOREST SERVICE
PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION

ACKNOWLEDGMENT

The San Dimas Experimental Forest is a field unit of the Pacific Southwest Forest and Range Experiment Station, Forest Service, U. S. Department of Agriculture, maintained in cooperation with the State of California, Division of Forestry.

These records were made possible through the efforts of many staff members. Particular acknowledgment is made to Everett L. Hamilton, who was in charge of climatological research at the San Dimas Experimental Forest for many years, and to Lowell A. Andrews, who supervised the collection of most of these records.

Studies reported here were conducted in cooperation with

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

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THE AUTHOR: Lyle Reimann has been a member of the San Dimas Experimental Forest staff since 1938. For the past 10 years he supervised the compilation of all climatic, hydrologic and related records. Prior to his present assignment he was a member of the field staff on the experimental forest.

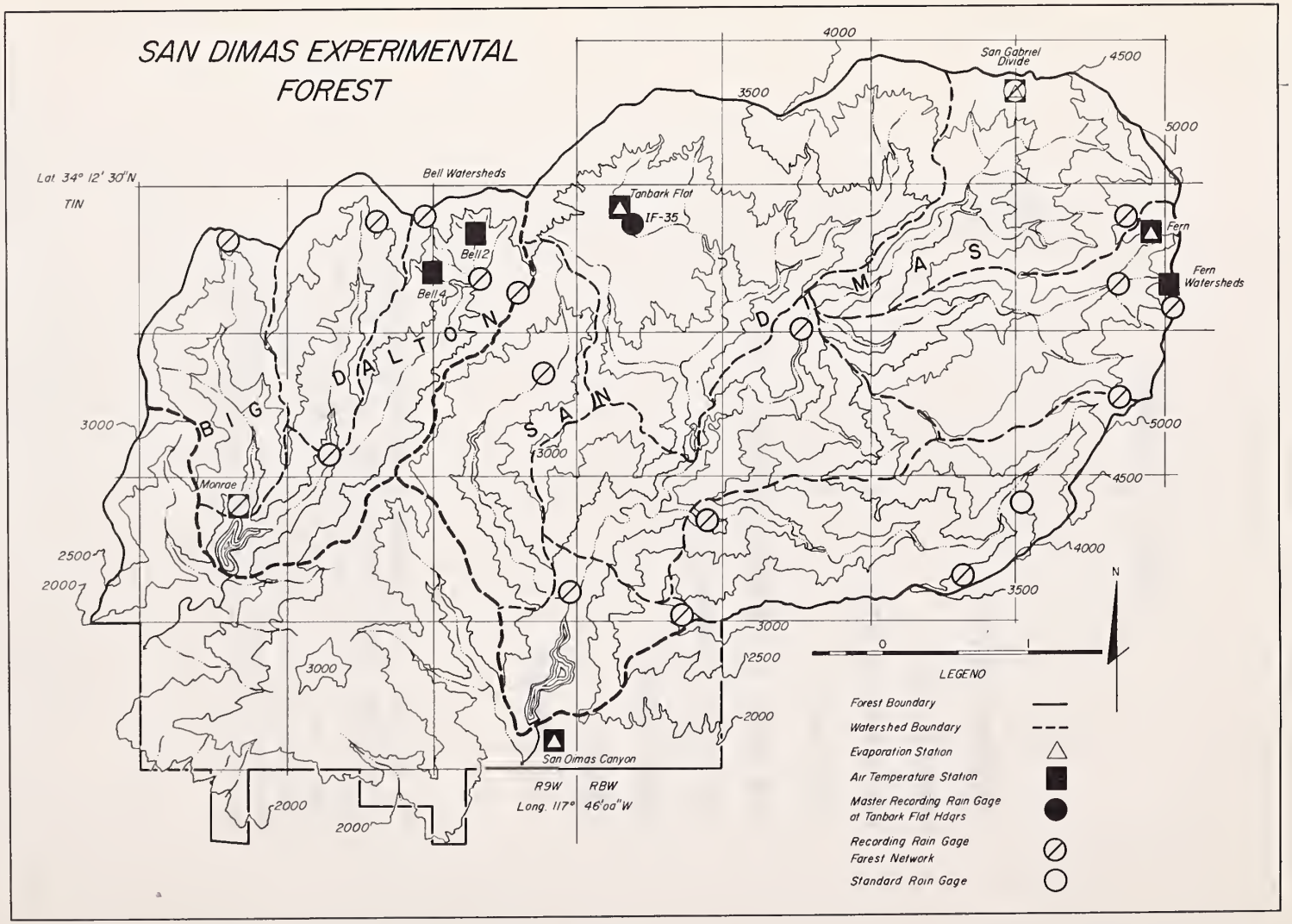

Figure 1.--San Dimas Experimental Forest in the San Gabriel mountains of southern California showing climatic stations and present rain gage locations.

MOUNTAIN TEMPERATURES

Twenty-five Years of Data from the San Dimas Experimental Forest

Lyle F. Reimann

The vertical distribution and variation of atmospheric temperature on southern slopes of the San Gabriel mountains in California are presented in this report. The data were collected in conjunction with watershed management research conducted by the Forest Service in cooperation with the California Division of Forestry on the San Dimas Experimental Forest, 30 miles northeast of Los Angeles.

Climatic stations were located at different elevations to obtain temperature gradients from the foothills to front range peaks (fig. 1). Records of air temperature were obtained at eight stations by means of a thermograph supplemented by Weather Bureau type maximum and minimum thermometers exposed in louvered instrument shelters (figs. 2 to 7 incl.).

San Dimas Canyon

The first station in lower San Dimas Canyon was installed in October 1933 at 1,450 feet elevation (latitude 34°09', longitude 117°46') in an opening in chaparral vegetation within a basin-like pocket. Exposure was northwest. This station was operated until April 12, 1937. This station was not considered properly located. On April 17, 1936 a new station, more representative of the area, was established 800 feet north-northeast of the first station on a bench at 1,500 feet elevation in a firebreak cut through chaparral vegetation (fig. 2). Exposure was southwest. Records were collected at the second station until November 7, 1944.

Temperatures given for the period October 1933 through April 1936 for the first station (Appendix page 9) are corrected for the second station by means of regression analysis of records from both stations during 1936-37, for the 12-month period both stations were operated.

Tanbark Flat

This station is in the north fork of San Dimas Canyon, near the Tanbark Flat field headquarters of the San Dimas Experimental Forest. The first station was installed in October 1933 at 2,725 feet elevation (latitude 34°12', longitude 117°46') in an opening in chaparral vegetation with a south exposure. The station was operated until October 31, 1938. On May 13, 1937 a new station was installed, 1,100 feet north by west of the first station at 2,800 feet elevation. It has a southern exposure and is in an area surrounded by shrub vegetation (fig. 3). This station is currently in operation.

Temperatures given for the period October 1933 through July 1937 (Appendix page 12) are corrected for the new station by regression analysis of records from both stations during the period May 1937 through October 1938, when both stations were operated.

San Gabriel Divide

The station was installed in October 1933 at 4,350 feet elevation (latitude 34°13', longitude 117°43') in the east fork of San Dimas Canyon, in an opening in the chaparral on a point near the crest of a ridge (fig. 4). Exposure was due south. Records were collected at this station until November 1943. Records were interrupted at times during the winter season by freezing temperatures and snow.

Fern Canyon

Fern Canyon is a main tributary to the east fork of San Dimas Canyon. The first station was installed in October 1933 at 5,050 feet elevation (latitude 34°12', longitude 117°42') near a saddle on a main ridge. This station was operated until September 27, 1937. On September 28, 1936 a new station was installed 1,050 feet west by north of the first station at 5,100 feet elevation in an area surrounded by chaparral vegetation (fig. 5). Exposure was south. The station and surrounding brush cover were destroyed by fire in November 1938. The area was fairly well revegetated by sprouting shrubs within the next three years. Records were collected at this station until November 1944.

Temperatures given for the period October 1933 through September 1936 (Appendix page 23) are corrected for the new station based upon regression analysis of records during the time both stations were operated October 1936 through September 1937.

Bell Small Watersheds Nos. 2 and 4

Comparative observations of local temperature were made at two stations on the 2,800 foot contour trail (figs. 6 and 7) in the Bell Watersheds for 6 years, October 1936 through September 1942. The Bell Watersheds are upper tributaries to Bell Canyon, a main fork of Big Dalton Canyon. The stations were surrounded by undisturbed brush cover and had similar aspects to the southeast.

Fern Small Watershed No. 1

Supplementary to observations at the Fern Canyon station (elevation 5,100 feet), air temperatures were obtained at a station located in one of the Fern Small Watersheds for a 7-year period, October 1937 through September 1944. This station was located one-half mile due south of the Fern Canyon station and at 5,200 feet elevation with a western exposure. The surrounding vegetation was mostly interior live oak (Quercus wislizenii) which had reached tree form after escaping fire for more than 50 years. The area was subsequently burned over in November 1938 and the station was destroyed. It was resumed in January 1939 and the records were continued into 1944.

Monroe Canyon

Air temperature observations were taken for 2 years at an installation in Monroe Canyon, a main tributary to Big Dalton Canyon, at 1,700 feet elevation. These observations were for comparison with the San Dimas Canyon station (1,500 feet). The Monroe station was situated near the bottom of the narrow lower canyon, whereas the San Dimas station was on a bench on the side of a much larger canyon. Both stations were within the valley fog belt.

SUMMARY

The data presented are for varying periods of time. The master climatic station near the Tanbark Field Headquarters has been in continuous operation from 1933 to date. The other stations were operated until a reasonable climatic trend was established. To facilitate comparisons between stations, term means of 25, 10, 11, and 6 years were computed and are set forth on the summary sheet, (Appendix page 33). Temperatures listed are monthly and annual means, except the absolute temperatures, which are the highest and lowest in the designated period.

All means were derived from 2-hour tabulations of the thermograph trace. These 2-hour tabulations were totaled and averaged for days, weeks, months, years, and periods. The daily and weekly data are too numerous for publication. The mean maxima, and mean minima were averaged from all of the daily observations in each month.

Figure 5.--Fern Canyon climatic station

Figure 6.--Bell Small Watershed No. 2 climatic station

Figure 7.--Bell Small Watershed No. 4 climatic station

DATA APPENDIX

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SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

San Dimas Canyon Climatic Station, Elevation 1,500 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1933-34					1934-35				
October	85.0	40.5	68.5	44.1	54.0	103.0	43.5	78.0	52.0	63.3
November	87.0	27.5	73.9	44.3	55.4	85.5	41.5	69.0	45.9	55.0
December	74.5	29.0	59.8	38.1	47.2	74.0	31.5	62.6	42.3	51.6
January	69.5	31.0	61.6	37.3	47.0	81.0	26.5	60.9	39.0	48.9
February	70.5	37.0	61.3	39.7	49.8	81.0	28.5	64.7	41.3	52.5
March	82.5	39.0	72.1	43.5	56.8	81.5	28.5	60.4	36.7	48.0
April	93.0	36.5	78.2	48.3	61.1	84.0	33.5	71.1	45.7	56.5
May	99.0	42.0	82.2	50.3	64.9	86.0	41.5	73.7	48.1	59.0
June	92.0	47.0	77.2	51.9	63.3	98.5	48.0	84.3	51.0	65.3
July	112.5	48.5	92.0	57.4	72.3	110.0	48.0	90.7	55.8	70.9
August	99.0	50.0	91.3	56.6	71.3	111.0	52.0	93.4	59.4	74.0
September	103.0	43.5	89.0	55.8	69.5	101.5	46.5	91.2	55.4	69.8
Annual	112.5	27.5	75.7	47.3	59.4	111.0	26.5	75.0	47.7	59.6
	1935-36					1936-37				
October	92.5	41.0	75.3	44.7	59.8	106.0	46.0	78.7	51.4	63.5
November	86.0	31.0	71.0	41.5	54.8	90.0	38.0	76.0	47.8	60.1
December	76.5	25.5	61.5	36.5	50.2	75.0	34.0	62.6	41.2	51.2
January	76.0	33.0	65.4	40.2	53.7	58.0	21.0	49.8	30.6	39.6
February	69.0	30.5	58.9	39.9	51.9	75.5	32.0	62.8	39.2	49.9
March	87.0	28.0	65.8	39.2	54.0	79.0	33.0	66.8	42.4	53.4
April	93.5	36.0	74.8	45.0	58.1	89.0	32.5	73.6	44.3	58.2
May	90.5	41.0	79.9	51.5	63.5	97.0	44.0	76.5	49.7	61.4
June	103.5	41.0	87.8	54.8	68.8	102.0	44.0	85.7	52.0	67.2
July	112.0	51.0	94.5	61.7	74.6	106.0	49.0	94.1	55.8	73.4
August	103.0	49.5	94.9	60.2	74.0	104.5	48.0	95.5	59.5	74.9
September	106.0	51.0	90.3	56.6	69.4	106.0	47.0	95.9	58.6	73.2
Annual	112.0	25.5	76.8	47.6	61.1	106.0	21.0	76.5	47.7	60.5

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

San Dimas Canyon Climatic Station, Elevation 1,500 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max	Min.	Mean
	1937-38					1938-39				
October	97.0	45.0	83.6	53.2	66.7	91.0	42.0	78.8	50.0	63.1
November	87.0	40.5	72.8	46.1	58.0	81.5	32.0	73.1	43.0	57.0
December	81.0	37.0	68.5	46.0	56.3	89.0	36.0	69.0	45.0	55.8
January	79.0	34.0	67.4	42.8	53.9	74.0	36.0	63.7	40.3	51.3
February	73.5	34.0	60.9	42.1	51.7	77.0	26.0	58.3	35.6	47.0
March	80.5	34.5	63.6	41.2	51.7	85.0	33.0	64.5	41.3	52.2
April	89.5	37.0	70.1	44.5	57.1	92.5	36.5	72.2	46.9	60.0
May	101.5	36.5	76.5	47.9	61.8	93.0	41.0	74.7	47.1	60.8
June	93.0	46.0	81.3	50.2	64.5	99.5	45.5	86.5	50.0	68.2
July	102.5	45.0	90.5	55.7	72.0	110.0	49.0	92.2	55.8	72.7
August	105.5	50.0	93.0	58.6	74.0	101.5	48.5	94.3	57.6	74.9
September	107.0	50.0	93.0	59.8	74.5	104.5	47.0	89.9	60.0	73.9
Annual	107.0	34.0	76.9	49.1	61.9	110.0	26.0	76.5	47.8	61.5
	1939-40					1940-41				
October	95.0	43.0	82.4	51.4	66.1	101.0	40.0	84.2	51.5	65.6
November	84.0	41.0	76.4	48.1	61.1	86.0	35.0	72.7	43.8	56.5
December	88.0	34.5	73.6	45.9	58.8	84.0	29.0	68.7	45.1	55.9
January	80.5	33.0	62.7	41.9	52.6	71.0	36.5	63.0	40.8	51.2
February	75.0	34.0	64.7	41.1	52.7	75.0	34.0	64.4	42.7	52.3
March	80.0	36.0	69.7	43.8	56.4	82.5	36.0	66.6	41.2	52.8
April	93.0	37.0	72.5	45.5	59.2	80.0	34.0	66.9	41.0	53.1
May	97.0	39.5	81.1	48.0	64.3	94.0	41.0	80.0	50.1	64.7
June	95.0	44.0	83.5	49.3	66.7	96.0	42.5	80.8	47.5	63.3
July	104.0	44.0	92.0	53.2	72.3	104.0	48.5	94.3	54.6	73.4
August	106.5	47.5	91.3	53.1	71.4	102.0	46.0	88.7	54.9	70.3
September	98.0	46.0	86.2	51.4	67.8	96.0	43.0	85.9	49.8	66.0
Annual	106.5	33.0	78.1	47.8	62.5	104.0	29.0	76.4	47.0	60.5

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

San Dimas Canyon Climatic Station, Elevation 1,500 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1941-42					1942-43				
October	96.0	40.5	77.3	49.9	62.7	95.5	39.5	79.0	50.7	62.8
November	90.0	31.0	76.6	47.8	60.9	89.5	35.0	74.0	45.8	58.0
December	89.0	27.5	63.0	39.5	50.4	83.0	34.0	67.8	42.2	53.3
January	78.5	27.0	66.7	40.5	52.4	82.5	30.0	64.1	42.6	52.9
February	71.0	27.0	63.2	36.5	49.1	82.0	30.0	63.8	43.6	53.2
March	84.5	29.0	68.6	39.1	53.6	76.5	38.5	65.9	45.2	55.1
April	81.0	35.0	66.9	42.8	53.5	89.0	34.0	72.0	46.8	58.4
May	85.5	35.0	76.9	44.6	60.1	92.0	38.5	79.0	49.8	62.6
June	100.0	43.0	84.5	48.4	64.7	100.0	41.5	82.2	50.7	65.2
July	108.0	49.0	96.6	56.0	75.0	110.0	46.5	92.1	54.2	71.6
August	101.0	46.0	91.8	55.1	71.9	101.5	49.0	91.9	57.4	72.3
September	91.0	43.5	88.0	50.4	67.1	109.0	53.0	93.9	59.0	73.9
Annual	108.0	27.0	76.8	45.9	60.2	110.0	30.0	77.2	49.6	61.6
	1943-44					11-year period, 1933-44				
October	103.0	40.0	80.8	52.4	64.3	106.0	39.5	78.8	50.1	62.9
November	85.0	40.0	75.8	49.4	59.7	90.0	27.5	73.8	45.8	57.9
December	76.0	36.0	60.7	43.2	50.4	89.0	25.5	65.3	42.3	52.8
January	84.5	33.5	62.6	42.6	50.4	84.5	21.0	62.5	39.9	50.4
February	74.0	33.0	58.1	39.4	46.9	82.0	26.0	61.9	40.1	50.6
March	80.0	30.5	66.1	43.6	53.1	87.0	28.0	66.4	41.6	53.4
April	84.0	36.0	67.5	50.1	53.4	93.0	32.5	71.4	45.5	57.1
May	90.5	41.0	73.6	47.6	58.9	101.5	35.0	77.6	48.6	62.0
June	95.5	41.5	75.2	49.8	60.7	103.5	41.0	82.6	50.5	65.3
July	99.0	43.0	86.2	50.2	65.8	112.5	43.0	92.3	55.5	72.2
August	108.5	48.0	93.3	56.7	72.7	111.0	46.0	92.7	57.2	72.9
September	108.5	47.5	85.2	54.8	67.1	109.0	43.0	89.9	55.6	70.2
Annual	108.5	30.5	73.8	48.3	58.7	112.5	21.0	76.3	47.8	60.7

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Tanbark Flat Climatic Station, Elevation 2,800 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1933-34					1934-35				
October	87.0	34.5	75.1	48.2	61.1	89.5	40.5	71.6	48.3	59.9
November	86.0	28.0	73.1	45.6	59.0	80.0	36.5	61.1	41.5	50.9
December	73.0	32.0	61.7	39.4	50.7	71.0	29.0	59.5	40.4	49.2
January	68.0	33.5	62.2	39.8	51.0	75.0	25.0	58.1	37.6	47.3
February	67.0	35.5	59.5	40.3	50.7	74.0	28.0	58.9	39.2	49.1
March	78.5	39.0	70.5	45.8	59.9	74.0	28.0	55.0	36.4	45.1
April	88.0	37.5	73.6	46.0	59.9	76.0	30.5	62.0	41.1	51.0
May	99.0	37.5	77.2	46.9	62.4	86.0	36.5	64.9	44.3	54.0
June	91.0	41.5	72.9	48.7	61.0	92.0	45.0	80.2	48.9	64.5
July	104.0	49.5	87.3	59.3	73.3	96.0	47.0	83.8	55.2	69.0
August	94.5	54.5	85.8	59.3	72.5	95.5	47.5	86.1	58.8	71.9
September	92.5	45.5	81.7	55.1	68.2	94.0	45.5	85.0	56.9	69.3
Annual	104.0	28.0	73.5	47.9	60.9	96.0	25.0	68.9	45.8	56.8
	1935-36					1936-37				
October	82.0	37.5	69.3	44.7	56.8	91.5	43.0	70.8	50.1	59.4
November	75.0	30.0	61.4	37.4	48.9	80.5	35.5	66.7	44.2	54.2
December	72.5	31.0	60.0	37.7	47.8	69.0	31.5	58.6	39.7	47.1
January	70.0	29.0	60.3	36.8	46.7	58.0	19.0	45.5	30.6	35.7
February	68.5	30.0	55.2	37.6	45.9	70.5	27.0	57.7	37.2	45.8
March	77.0	30.0	63.9	40.6	51.7	71.5	31.0	60.8	40.5	49.2
April	84.0	33.5	69.1	41.7	54.1	81.0	38.0	68.4	42.9	53.8
May	84.0	38.0	75.2	45.4	59.2	89.0	42.0	70.2	47.6	59.8
June	99.0	36.5	83.4	51.9	67.1	97.5	43.5	79.2	50.9	67.1
July	101.5	46.5	87.6	61.0	73.3	95.0	48.0	84.9	56.4	72.1
August	95.0	51.5	88.6	59.5	72.9	97.0	48.5	89.2	61.4	76.6
September	100.0	45.0	84.3	54.6	68.0	98.0	47.5	84.9	58.3	72.9
Annual	101.5	29.0	71.6	45.8	57.7	98.0	19.0	69.8	46.7	57.9

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Tanbark Flat Climatic Station, Elevation 2,800 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1937-38					1938-39				
October	88.0	42.0	78.7	54.2	65.2	81.5	39.0	70.6	46.6	57.7
November	77.0	36.0	69.0	44.5	55.5	76.0	31.0	66.1	40.7	52.5
December	73.0	31.0	64.8	43.9	53.6	83.0	33.5	63.6	41.8	51.4
January	74.0	31.5	63.0	40.9	51.4	68.0	27.5	57.1	36.5	46.1
February	67.0	28.0	55.3	37.6	46.0	70.0	22.0	52.8	31.6	41.6
March	69.5	29.0	56.8	36.5	45.5	79.0	27.0	60.5	39.2	48.6
April	84.0	33.5	64.4	41.2	52.3	89.0	32.0	69.9	45.2	56.9
May	100.0	32.0	71.8	46.1	58.2	86.0	37.0	69.4	45.3	56.3
June	91.0	42.0	76.2	50.3	61.8	92.5	41.0	79.5	51.4	64.6
July	99.5	46.0	86.7	58.2	71.4	100.5	43.5	86.7	59.2	71.8
August	98.5	46.0	86.3	59.5	71.0	93.5	50.0	89.9	62.9	74.6
September	94.0	49.0	85.8	60.5	71.3	98.0	42.0	83.1	60.7	70.3
Annual	100.0	28.0	71.7	47.9	58.7	100.5	22.0	70.9	46.8	57.8
	1939-40					1940-41				
October	86.5	37.5	75.0	52.2	62.6	91.0	37.0	76.3	50.1	63.4
November	79.0	39.0	71.1	47.2	58.0	79.5	33.0	66.8	42.5	54.7
December	80.5	30.5	68.1	44.7	55.0	79.0	33.0	64.0	42.9	52.9
January	68.0	31.0	60.2	41.3	49.5	69.5	33.0	57.4	38.4	47.9
February	69.0	31.0	58.8	38.1	48.0	70.0	32.0	58.6	40.4	49.8
March	75.0	31.0	64.3	40.9	52.8	76.0	34.0	61.6	39.6	51.0
April	87.0	35.0	64.7	41.6	53.6	74.0	32.0	60.1	39.0	51.0
May	89.0	38.5	73.0	46.5	59.9	87.0	39.0	72.3	48.7	61.2
June	92.0	42.0	79.2	51.1	65.0	88.5	41.5	73.0	47.7	60.8
July	98.0	44.0	84.6	54.8	70.0	96.0	49.5	85.5	58.5	72.5
August	99.5	45.0	86.2	57.1	71.9	93.0	47.0	80.6	55.5	67.8
September	93.0	44.0	79.4	51.8	65.2	90.0	41.5	77.7	48.8	62.9
Annual	99.5	30.5	72.1	47.3	59.4	96.0	32.0	69.6	46.2	58.1

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Tanbark Flat Climatic Station, Elevation 2,800 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1941-42					1942-43				
October	86.0	39.5	68.2	46.5	55.9	90.0	38.5	74.5	48.8	60.1
November	83.0	30.5	69.4	46.6	56.2	82.0	29.5	69.1	43.4	54.7
December	76.5	28.0	56.7	36.7	45.3	76.5	29.5	62.2	38.6	48.9
January	78.0	26.5	60.8	39.5	48.5	78.5	27.5	59.4	40.9	49.7
February	63.0	25.0	55.7	34.7	43.6	78.0	26.5	61.7	39.8	49.8
March	79.0	29.5	61.6	38.0	48.8	76.5	32.5	59.6	40.3	49.5
April	74.0	32.0	59.5	40.6	48.0	83.0	30.5	65.5	42.5	53.4
May	79.0	34.5	68.6	43.6	54.4	86.5	32.5	72.0	45.8	58.4
June	92.5	40.5	77.8	49.5	62.0	92.5	40.0	74.1	47.5	60.5
July	97.5	49.5	90.3	61.5	74.4	101.5	42.0	85.1	54.9	69.7
August	97.0	43.0	86.4	59.0	79.7	94.5	47.0	84.4	56.0	69.3
September	93.0	43.5	81.6	55.1	66.9	100.0	49.5	87.0	58.8	72.2
Annual	97.5	25.0	69.8	46.0	56.3	101.5	26.5	71.3	46.4	58.1
	1943-44					1944-45				
October	94.0	34.5	75.4	50.8	63.7	84.0	41.0	74.3	48.8	61.9
November	78.0	33.0	69.7	46.0	54.5	72.0	33.0	59.3	39.9	47.6
December	69.0	30.5	56.7	38.7	46.6	73.0	29.5	62.7	40.3	49.5
January	79.0	28.0	58.7	38.0	46.9	73.0	26.5	60.4	38.1	46.8
February	71.0	28.0	53.0	34.3	42.7	77.0	29.0	57.2	39.8	47.9
March	74.0	27.0	61.3	39.4	49.8	75.0	28.0	55.8	36.2	45.9
April	79.0	30.5	62.4	38.4	51.4	85.0	29.0	65.8	41.2	53.5
May	82.0	35.0	68.7	44.0	53.8	83.0	34.5	66.9	43.0	55.0
June	98.0	38.5	69.8	46.0	57.9	95.0	41.0	73.0	49.6	61.2
July	94.0	39.0	82.0	50.8	66.0	96.5	54.0	87.1	59.4	72.7
August	103.0	48.5	88.0	57.5	72.1	97.0	43.5	85.8	59.4	71.8
September	100.0	41.0	83.4	54.6	67.3	96.0	41.0	82.5	57.2	69.1
Annual	103.0	27.0	69.2	44.9	56.1	97.0	26.5	69.3	46.0	55.3

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Tanbark Flat Climatic Station, Elevation 2,800 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1945-46					1946-47				
October	91.0	41.5	73.7	49.1	60.3	83.5	34.0	69.8	44.3	56.1
November	84.5	30.5	65.2	40.1	51.5	79.0	32.5	61.7	40.5	49.5
December	78.5	27.0	57.9	37.8	47.2	76.5	29.5	62.0	40.7	49.7
January	77.0	27.5	60.4	36.8	46.9	76.0	27.0	60.8	35.8	46.6
February	73.0	27.5	58.6	35.4	46.7	76.0	31.5	65.6	41.0	52.0
March	78.0	29.5	60.0	38.0	48.8	78.0	33.0	62.6	41.2	51.4
April	87.0	34.0	69.1	43.9	56.7	88.0	31.0	68.0	43.5	55.9
May	82.5	39.0	65.4	45.1	54.4	94.0	39.0	72.6	47.0	60.0
June	90.0	41.5	80.5	52.2	66.1	87.0	42.0	75.5	48.9	62.5
July	95.5	48.5	86.4	58.6	72.3	100.5	49.0	88.8	56.7	73.7
August	100.0	50.5	88.2	58.8	73.3	100.5	40.0	83.2	54.3	69.1
September	97.5	43.5	86.9	57.3	71.4	100.5	42.0	86.6	58.2	72.4
Annual	100.0	27.0	71.1	46.1	58.0	100.5	27.0	71.5	46.2	58.3
	1947-48					1948-49				
October	94.5	40.0	74.9	47.6	60.0	90.5	34.0	72.9	48.3	60.6
November	80.0	29.0	63.7	38.6	49.6	77.0	30.0	68.0	41.4	53.2
December	78.0	25.0	59.9	36.0	46.6	72.0	21.5	56.0	32.6	42.8
January	80.5	25.0	67.7	40.0	52.0	60.0	18.0	44.1	27.0	34.6
February	75.0	24.0	57.5	33.6	44.4	69.0	23.0	50.0	29.5	39.6
March	69.0	26.0	56.3	32.6	43.4	67.0	27.0	54.4	31.9	42.3
April	85.5	29.0	63.9	39.6	51.0	85.5	30.5	66.2	40.9	53.5
May	85.0	32.0	68.3	41.2	54.3	85.5	35.0	65.4	43.2	53.8
June	96.0	38.0	75.5	47.2	60.7	89.0	39.5	77.7	49.3	64.0
July	94.0	46.0	83.3	53.6	69.3	94.0	44.5	84.0	53.6	69.0
August	100.5	48.0	85.8	53.8	70.4	94.0	38.0	84.4	52.9	68.9
September	103.5	41.0	84.8	56.5	71.6	100.0	39.5	86.2	54.4	70.9
Annual	103.5	24.0	70.2	43.4	56.2	100.0	18.0	67.5	42.1	54.5

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Tanbark Flat Climatic Station, Elevation 2,800 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1949-50					1950-51				
October	87.0	25.5	71.0	45.9	57.7	102.0	42.0	82.7	51.8	65.6
November	86.0	34.0	74.7	48.9	60.3	87.0	31.5	74.3	47.3	59.4
December	80.0	26.0	61.1	38.3	48.7	84.5	33.5	70.3	44.4	55.5
January	75.0	22.0	53.9	32.4	42.3	80.5	27.0	59.6	35.4	46.3
February	76.0	26.0	65.2	39.7	50.0	82.0	23.0	60.8	35.5	46.7
March	79.5	28.0	64.9	38.3	49.2	80.0	24.0	65.3	38.8	51.2
April	87.5	31.0	67.4	42.8	53.8	84.0	31.0	64.3	41.4	52.0
May	87.0	28.5	70.6	42.5	55.4	96.0	32.5	73.0	43.2	57.4
June	101.0	36.0	79.2	46.0	62.0	94.5	40.5	77.8	46.9	61.8
July	101.0	48.0	86.5	56.1	70.8	100.5	45.0	90.0	57.9	73.8
August	106.0	46.0	91.2	56.8	73.6	97.0	46.5	88.5	56.6	71.6
September	107.0	40.5	81.6	52.4	65.8	100.5	46.0	90.1	57.6	73.0
Annual	107.0	22.0	73.0	45.1	57.5	102.0	23.0	74.8	46.5	59.6
	1951-52					1952-53				
October	96.5	35.0	77.1	48.6	61.6	98.0	37.5	85.4	53.4	67.3
November	83.0	30.5	66.9	41.4	52.2	82.0	28.0	61.9	37.0	48.3
December	68.5	26.0	56.3	35.0	44.5	78.5	29.0	59.0	35.6	45.4
January	72.0	22.5	55.4	32.6	42.5	84.0	30.0	67.7	41.7	53.0
February	75.0	26.0	60.4	35.7	46.5	78.5	26.5	63.9	36.9	48.5
March	78.0	26.0	53.8	33.3	42.7	80.5	25.5	64.4	35.4	48.5
April	82.5	32.0	64.6	41.8	52.6	80.5	26.0	64.1	38.0	50.2
May	86.5	37.0	77.4	47.0	61.6	83.0	31.0	67.8	40.0	53.2
June	92.0	39.5	73.0	45.4	58.6	95.0	35.0	76.3	47.4	61.5
July	96.0	49.0	89.0	57.3	72.7	100.0	52.0	92.0	59.1	74.7
August	98.5	48.0	90.0	58.4	72.8	99.0	45.0	88.9	54.6	70.4
September	98.0	37.5	88.1	57.9	71.8	105.0	41.0	89.4	54.7	70.6
Annual	98.5	22.5	71.0	44.6	56.7	105.0	25.5	73.5	44.5	57.7

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Tanbark Flat Climatic Station, Elevation 2,800 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1953-54					1954-55				
October	95.5	33.0	78.6	48.4	61.8	95.5	37.5	79.6	47.8	61.5
November	87.0	30.5	71.0	43.6	55.3	84.5	28.0	72.4	45.1	56.9
December	81.5	29.0	66.5	39.0	50.5	78.5	26.0	62.3	36.6	46.8
January	78.5	30.0	59.8	35.8	46.6	75.0	26.0	53.9	32.5	41.6
February	83.0	30.0	70.9	42.8	56.1	78.0	24.0	59.8	34.7	45.5
March	79.0	28.0	59.5	36.5	47.1	80.0	30.5	65.4	37.9	50.3
April	90.5	37.0	70.3	44.5	56.6	79.0	28.5	65.9	38.0	51.5
May	85.0	34.0	74.6	45.7	59.1	89.0	32.0	67.5	42.8	55.3
June	90.5	33.0	77.8	48.3	62.5	92.5	38.0	77.7	47.4	61.8
July	99.0	52.5	91.1	60.1	74.9	96.0	43.0	85.6	53.3	68.7
August	102.0	41.0	84.5	50.8	67.0	107.0	52.5	92.8	61.0	76.1
September	96.5	45.5	87.3	53.5	68.6	108.5	42.0	89.4	55.7	71.3
Annual	102.0	28.0	74.3	45.8	58.8	108.5	24.0	72.8	44.4	57.3
	1955-56					1956-57				
October	95.0	38.0	81.7	48.2	63.5	85.0	28.5	72.3	44.1	56.2
November	85.5	28.5	67.4	41.4	52.8	89.5	31.0	75.1	43.3	57.6
December	76.0	25.5	60.6	38.1	47.2	80.5	29.5	68.4	40.4	52.5
January	79.0	30.0	62.3	38.2	48.5	70.0	20.0	52.9	34.2	42.7
February	72.0	24.0	56.1	31.6	42.7	83.5	28.0	64.1	41.9	51.4
March	84.0	29.0	68.4	38.0	52.4	79.5	30.0	62.5	38.9	49.9
April	85.5	28.0	63.6	39.1	50.9	82.5	30.5	65.1	40.6	51.8
May	92.0	36.5	69.2	44.0	56.0	84.0	36.0	65.9	42.5	55.4
June	99.0	42.5	83.0	49.6	65.7	103.0	46.0	77.1	54.1	68.4
July	97.5	40.0	86.5	54.0	69.6	101.0	45.0	92.1	56.4	74.0
August	104.0	43.5	85.4	52.0	67.6	99.0	41.0	88.9	55.6	71.7
September	100.5	46.5	92.6	58.3	73.9	102.5	42.0	86.1	53.3	68.1
Annual	104.0	24.0	73.1	44.5	57.6	103.0	20.0	73.1	45.5	58.2

SAN DIMAS EXPERIMENTAL FOREST
Air Temperatures, °F.

Tanbark Flat Climatic Station, Elevation 2,800 feet

Month	Absolute		Mean		
	Maximum	Minimum	Maximum	Minimum	Mean
			1957-58		
October	83.0	35.5	69.1	45.4	56.1
November	78.0	30.0	64.0	38.0	48.9
December	81.0	33.0	66.8	40.4	51.4
January	74.0	29.5	63.3	37.7	49.0
February	81.5	32.0	63.0	39.6	49.5
March	70.5	26.0	55.4	35.3	44.5
April	91.5	32.0	68.7	42.5	54.9
May	85.5	39.0	76.0	47.6	61.2
June	93.0	39.0	79.8	49.4	63.8
July	103.0	45.5	86.4	53.9	70.0
August	98.5	50.0	90.5	59.2	73.6
September	98.5	44.0	88.6	56.7	71.3
Annual	103.0	26.0	72.7	45.5	57.9

SAN DIMAS EXPERIMENTAL FOREST

Tanbark Flat Air Temperature Summary, °F

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	10-year period 1933-43					11-year period 1933-44				
October	91.5	37.0	73.0	49.0	60.2	94.0	34.5	73.2	49.1	60.5
November	86.0	29.5	67.4	43.4	54.5	86.0	29.5	67.6	43.6	54.5
December	83.0	28.0	61.9	40.6	50.2	83.0	28.0	61.4	40.4	49.9
January	78.5	19.0	58.4	38.2	47.4	79.0	19.0	58.4	38.2	47.3
February	78.0	22.0	57.4	37.6	47.0	78.0	22.0	57.0	37.3	46.6
March	79.0	27.0	61.5	39.8	50.2	79.0	27.0	61.4	39.7	50.2
April	89.0	30.5	65.7	42.2	53.4	89.0	30.5	65.4	41.8	53.2
May	100.0	32.0	71.5	46.0	58.4	100.0	32.0	71.2	45.8	58.0
June	99.0	36.5	77.6	49.8	63.4	99.0	36.5	76.8	49.4	62.9
July	104.0	42.0	86.2	57.9	71.8	104.0	39.0	85.9	57.3	71.2
August	99.5	43.0	86.4	58.9	72.8	103.0	43.0	86.5	58.8	72.8
September	100.0	41.5	83.0	56.1	68.7	100.0	41.0	83.1	55.9	68.6
Annual	104.0	19.0	70.9	46.7	58.2	104.0	19.0	70.8	46.5	58.0
	6-year period 1936-42					25-year period 1933-58				
October	91.5	37.0	73.3	50.0	60.7	102.0	25.5	74.7	48.5	60.6
November	83.0	30.5	68.2	44.3	55.2	89.5	28.0	67.6	42.6	53.7
December	83.0	28.0	62.6	41.6	50.9	84.5	21.5	61.8	39.2	49.1
January	78.0	19.0	57.3	37.9	46.5	84.0	18.0	58.6	36.7	46.4
February	70.5	22.0	56.5	36.6	45.8	83.5	22.0	59.2	37.1	47.2
March	79.0	27.0	60.9	39.1	49.3	84.0	24.0	61.0	38.0	48.8
April	89.0	32.0	64.5	41.8	52.6	91.5	26.0	65.9	41.5	53.2
May	100.0	32.0	70.9	46.3	58.3	100.0	28.5	70.6	44.8	57.2
June	97.5	40.5	77.5	50.2	63.6	103.0	33.0	77.2	49.0	62.9
July	100.5	43.5	86.5	58.1	72.0	104.0	39.0	86.9	56.8	71.6
August	99.5	43.0	86.4	59.2	73.6	107.0	38.0	87.2	57.2	71.9
September	98.0	41.5	82.1	55.9	68.3	108.5	37.5	85.4	56.0	69.8
Annual	100.5	19.0	70.7	46.8	58.0	108.5	18.0	71.5	45.7	57.7

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

San Gabriel Divide Climatic Station, Elevation 4350 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1933-34					1934-35				
October	84.0	48.0	76.8	57.0	64.8	91.0	38.0	74.8	55.1	63.2
November	84.0	29.0	72.3	51.9	60.4	78.5	36.5	65.2	47.4	55.1
December	75.0	31.0	62.6	46.0	53.2	76.0	31.0	58.0	42.2	49.7
January	70.0	35.0	63.3	45.9	53.6	72.0	19.5	55.6	38.9	46.3
February	70.0	35.0	61.2	43.3	50.8	79.0	28.0	58.4	40.1	48.4
March	83.0	43.0	74.5	55.1	63.3	74.5	23.5	54.4	35.4	44.2
April	85.0	41.0	73.8	52.5	62.1	76.0	27.0	61.6	40.8	50.8
May	94.0	38.0	77.9	54.2	64.9	83.0	34.0	63.8	44.2	54.0
June	97.5	38.0	74.5	51.4	62.1	93.0	52.0	82.6	60.6	70.9
July	110.0	48.0	90.9	66.1	77.3	102.5	44.0	86.2	64.3	73.8
August	100.5	59.0	89.7	66.5	76.4	103.5	47.0	89.4	65.7	76.9
September	97.0	39.5	82.9	60.4	69.8	99.0	58.0	88.6	64.8	74.6
Annual	110.0	29.0	75.1	54.3	63.3	103.5	19.5	69.9	50.0	59.0
	1935-36					1936-37				
October	86.5	42.0	72.7	49.9	61.1	92.0	38.5	71.8	57.2	64.4
November	73.5	29.5	62.8	44.1	53.4	80.0	35.0	67.7	55.2	61.1
December	72.5	33.0	58.7	41.3	50.8	70.0	29.5	56.8	42.7	51.1
January	72.0	31.5	60.2	41.2	51.3	52.5	13.5	43.8	29.5	37.8
February	62.5	27.0	52.1	37.7	46.2	70.5	24.0	56.4	39.4	49.2
March	79.0	20.0	63.5	44.3	54.5	74.0	25.0	58.0	40.3	50.3
April	85.0	32.0	67.3	45.3	57.4	83.0	30.0	68.3	40.8	53.5
May	89.0	36.0	75.0	52.3	63.7	92.0	37.0	73.4	51.1	59.9
June	98.0	37.5	84.5	60.2	72.5	98.0	40.5	81.0	57.8	67.1
July	105.0	47.5	89.1	66.1	78.5	100.5	55.0	90.1	69.5	76.4
August	102.0	56.0	91.3	68.4	80.5	100.0	57.0	92.5	70.9	77.6
September	99.5	42.0	87.7	62.8	74.4	99.0	46.0	88.0	63.2	72.2
Annual	105.0	20.0	72.2	51.2	62.1	100.5	13.5	70.7	51.5	60.1

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

San Gabriel Divide Climatic Station, Elevation 4350 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1937-38					1938-39				
October	88.5	38.0	78.6	56.0	63.7	77.5	34.5	68.7	53.2	58.8
November	77.5	36.5	68.3	47.5	54.4	69.0	27.0	61.6	45.6	51.9
December	75.5	28.0	61.5	44.1	50.2	79.0	30.5	58.4	44.8	49.8
January	70.0	29.0	59.4	41.8	47.8	63.5	21.0	51.2	38.0	43.8
February	62.5	28.0	48.2	33.6	38.6	65.0	19.5	46.8	31.9	38.3
March	67.5	28.0	57.6	35.9	43.7	74.0	26.0	57.3	39.4	46.8
April	84.0	29.0	63.8	42.3	50.9	80.0	21.0	68.8	50.0	58.3
May	89.5	31.5	70.4	48.6	57.3	91.0	38.0	68.8	50.0	58.5
June	85.5	39.5	77.7	55.5	64.3	93.0	40.0	79.0	57.8	68.1
July	98.0	50.0	88.3	65.2	74.2	100.0	49.0	84.4	63.3	73.2
August	101.0	43.0	87.9	63.8	72.4	99.0	59.0	88.4	67.7	76.8
September	93.0	50.0	86.9	63.8	71.7	98.0	44.0	77.6	58.0	66.0
Annual	101.0	28.0	70.9	49.9	57.6	100.0	19.5	67.7	50.1	57.6
	1939-40					1940-41				
October	85.0	37.5	72.4	52.6	61.1	91.0	35.0	75.3	53.5	62.9
November	82.0	43.0	69.3	51.2	58.8	79.0	33.0	64.9	46.8	54.7
December	80.0	30.0	65.3	46.4	54.7	78.0	31.0	56.8	42.9	49.3
January	73.5	31.5	56.7	42.0	48.9	65.0	32.5	51.2	38.6	42.8
February	67.5	29.5	56.9	38.9	47.3	68.0	32.0	52.5	39.6	45.4
March	80.0	29.0	65.5	44.9	54.0	70.0	30.5	55.9	38.3	45.7
April	86.0	30.0	64.8	45.4	54.4	75.0	29.0	59.2	38.6	47.2
May	87.0	40.0	75.8	54.5	64.5	87.0	37.5	73.8	50.6	60.9
June	97.0	45.0	85.4	60.9	72.3	89.5	38.0	75.8	51.6	63.5
July	100.0	46.0	88.1	61.8	74.0	100.0	48.5	89.7	65.0	76.3
August	103.0	55.0	91.1	65.3	77.1	93.0	49.0	84.5	60.4	71.0
September	99.0	46.0	81.0	55.4	65.9	91.5	43.0	80.3	55.0	66.4
Annual	103.0	29.0	72.8	51.7	61.2	100.0	29.0	68.4	48.5	57.3

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

San Gabriel Divide Climatic Station, Elevation 4350 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1941-42					1942-43				
October	87.0	33.0	68.4	47.9	56.5	91.0	36.0	74.5	53.7	62.3
November	82.0	23.0	69.2	49.4	57.9	81.0	33.0	70.2	53.8	60.7
December	74.5	26.0	56.0	38.3	45.9	74.0	35.0	62.0	44.7	52.2
January	73.0	23.0	60.9	42.4	50.0	78.0	29.0	57.2	41.2	47.8
February	70.0	24.5	55.4	35.4	43.5	78.5	24.0	60.8	42.1	50.4
March	78.0	23.5	61.5	39.8	49.2	74.0	34.0	59.1	41.5	49.2
April	73.0	29.0	59.9	39.4	48.2	83.0	26.0	66.1	44.5	54.8
May	93.0	33.0	70.5	45.8	57.0	91.0	35.0	76.3	51.0	62.7
June	101.0	44.0	82.1	55.3	67.6	96.5	36.5	75.7	54.0	64.1
July	102.0	57.5	94.2	68.2	79.8	102.5	51.5	89.9	64.7	76.1
August	102.0	46.5	91.3	64.9	76.2	95.0	54.5	87.2	62.1	73.1
September	95.0	47.5	85.9	60.4	71.0	99.0	46.5	88.7	63.9	74.7
Annual	102.0	23.0	71.4	49.0	58.7	102.5	24.0	72.4	51.5	60.7
	10-year period, 1933-43									
October	92.0	33.0	73.4	53.6	57.1					
November	84.0	23.0	67.1	49.3	58.2					
December	80.0	26.0	59.6	43.4	46.5					
January	78.0	13.5	55.9	39.9	49.8					
February	79.0	19.5	54.9	38.2	44.2					
March	83.0	20.0	60.7	41.5	49.2					
April	86.0	21.0	65.4	43.6	48.9					
May	94.0	31.5	72.6	50.2	57.6					
June	101.0	36.5	79.8	56.5	67.2					
July	110.0	44.0	89.1	65.4	79.4					
August	103.5	43.0	89.4	65.6	75.9					
September	99.5	39.5	84.7	60.8	71.4					
Annual	110.0	13.5	71.1	50.8	58.9					

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Fern Canyon Climatic Station, Elevation 5100 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1933-34					1934-35				
October	79.5	40.0	69.5	52.6	59.1	83.5	34.0	68.2	51.8	57.5
November	80.5	24.0	67.5	48.7	56.2	68.5	36.0	59.6	45.0	49.6
December	71.5	25.0	59.4	41.8	48.9	69.0	29.0	56.5	41.5	46.7
January	69.0	31.0	59.5	42.0	49.2	68.0	20.0	53.2	38.4	43.5
February	68.0	32.0	55.5	39.5	46.1	71.5	26.0	55.2	39.8	45.2
March	80.0	39.0	71.0	51.5	60.7	71.5	24.0	50.7	33.1	41.3
April	83.5	37.0	70.6	48.1	58.9	71.5	28.0	61.9	43.5	50.9
May	89.5	37.5	74.5	52.0	62.8	78.0	35.5	66.1	47.2	54.6
June	91.0	36.5	73.4	50.7	62.3	88.5	49.5	81.4	61.8	70.5
July	102.0	55.0	89.0	64.4	76.7	92.5	42.5	85.2	62.7	72.8
August	95.0	59.5	88.2	64.4	75.9	94.0	57.0	88.6	68.5	76.5
September	92.5	35.0	82.7	58.7	70.0	95.0	51.5	84.5	63.4	72.6
Annual	102.0	24.0	71.8	51.0	60.6	95.0	20.0	67.6	49.8	56.9
	1935-36					1936-37				
October	78.0	36.0	66.2	48.0	57.6	87.0	31.5	69.8	47.9	57.9
November	72.0	30.0	58.3	41.2	50.3	77.0	38.0	65.2	44.7	54.6
December	64.5	31.0	50.5	35.3	43.8	68.0	21.0	52.7	37.7	44.4
January	68.5	29.0	54.3	36.7	45.7	47.0	13.0	36.6	22.2	28.2
February	59.0	23.5	48.7	34.8	43.1	66.5	22.0	52.4	34.2	41.6
March	76.5	16.0	61.0	41.6	51.2	70.5	23.5	55.3	36.5	43.6
April	81.0	40.5	68.1	45.8	59.0	80.0	27.5	64.5	40.5	50.3
May	84.5	33.5	75.6	53.2	66.5	92.0	37.0	74.1	47.9	60.2
June	96.0	34.5	81.2	58.8	71.7	92.0	43.0	82.5	57.2	68.4
July	101.0	39.5	88.6	62.9	76.0	97.5	59.0	89.3	65.7	77.0
August	99.5	53.0	87.1	62.2	75.0	99.0	55.0	90.7	65.9	77.8
September	96.0	38.0	80.8	56.5	70.0	96.5	43.0	86.0	60.4	72.6
Annual	101.0	16.0	68.5	48.2	59.3	99.0	13.0	68.3	46.8	56.5

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Fern Canyon Climatic Station, Elevation 5100 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1937-38					1938-39				
October	86.0	38.0	76.9	54.5	64.4	76.0	34.0	67.2	46.1	55.2
November	75.0	33.0	66.7	45.0	55.3	68.0	26.0	61.7	40.7	50.6
December	74.0	25.0	61.1	43.3	52.7	78.5	31.0	57.2	41.1	48.4
January	70.0	26.0	58.8	40.0	49.1	62.0	28.5	52.5	35.3	43.4
February	64.0	23.0	50.0	33.6	41.8	64.0	20.0	46.0	28.7	37.5
March	64.0	24.0	51.6	32.8	42.3	74.0	26.0	56.8	38.0	46.7
April	81.0	26.0	61.5	39.8	50.5	72.0	27.0	65.9	46.0	55.7
May	85.0	29.0	67.5	45.7	56.9	85.5	35.0	69.1	46.8	57.6
June	91.0	37.0	75.6	53.4	64.0	86.0	39.0	77.1	54.3	65.5
July	97.0	46.0	86.5	63.0	73.6	95.0	49.0	84.0	62.7	72.7
August	96.0	51.0	86.3	62.4	72.8	96.0	59.0	86.4	65.9	75.1
September	90.0	57.0	84.8	61.1	71.0	89.0	36.0	77.4	56.8	65.4
Annual	97.0	23.0	69.1	48.0	58.0	96.0	20.0	66.9	47.0	56.3
	1939-40					1940-41				
October	78.5	35.0	65.5	49.9	57.7	84.0	31.0	72.5	50.2	60.5
November	72.0	40.0	64.0	47.6	52.0	75.0	29.5	60.3	40.7	51.3
December	73.0	28.0	62.7	45.2	53.1	74.0	27.5	57.7	40.1	49.3
January	65.5	30.5	53.8	38.9	45.8	62.0	29.5	50.8	34.8	43.2
February	61.0	27.0	51.9	35.2	42.8	63.0	29.0	51.4	35.8	44.5
March	72.5	26.5	59.7	40.8	49.3	66.5	28.0	54.5	36.9	45.5
April	77.0	30.0	58.9	41.3	49.4	70.0	25.5	54.3	36.1	45.9
May	80.0	39.0	71.6	61.3	60.7	80.5	33.0	67.7	48.3	58.6
June	92.0	45.0	83.0	60.6	71.4	82.5	33.0	72.3	51.9	62.6
July	94.0	46.0	84.7	61.5	72.0	93.0	43.0	84.4	62.0	72.3
August	96.0	55.0	87.3	64.9	75.3	87.0	46.0	79.4	57.9	68.0
September	95.0	44.0	77.3	54.0	64.3	87.0	38.0	74.9	51.2	62.9
Annual	96.0	26.5	68.5	49.4	57.9	93.0	25.5	65.1	45.6	55.5

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Fern Canyon Climatic Station, Elevation 5100 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1941-42					1942-43				
October	83.0	28.0	61.8	43.0	50.2	83.0	29.0	68.9	49.6	56.9
November	77.0	22.5	63.4	44.6	52.0	78.0	28.0	63.5	44.0	52.3
December	70.0	21.0	50.6	33.8	41.2	70.0	26.5	56.0	37.7	45.4
January	70.0	18.0	55.6	38.5	45.0	73.0	22.0	50.7	34.6	41.4
February	66.0	20.0	50.4	31.6	38.7	76.0	22.0	57.2	39.0	47.1
March	71.0	20.0	56.2	36.4	44.5	68.0	33.0	56.2	39.5	46.8
April	68.0	29.0	54.9	36.5	44.0	77.0	24.0	62.1	43.4	52.0
May	86.0	31.0	63.9	43.4	52.4	86.0	34.5	71.3	49.9	59.5
June	90.0	44.0	76.6	54.4	64.3	84.5	33.0	70.5	50.5	59.3
July	96.0	54.0	87.2	65.9	74.6	97.5	49.0	83.0	61.7	71.2
August	94.5	40.0	85.1	62.2	71.6	91.0	51.5	83.5	60.6	70.8
September	89.0	40.5	79.4	57.4	66.1	93.0	55.5	83.9	61.3	71.0
Annual	96.0	18.0	65.5	45.7	53.8	97.5	22.0	67.3	47.7	56.2
	1943-44					11-year period, 1933-44				
October	87.5	31.0	70.8	51.8	58.5	87.5	28.0	68.8	49.6	57.8
November	73.0	30.0	63.7	46.7	54.1	80.0	22.5	63.1	44.4	52.5
December	63.5	27.5	48.1	34.8	40.9	78.5	21.0	55.7	39.3	46.8
January	70.0	24.0	50.8	35.4	42.0	73.0	13.0	52.4	36.1	43.3
February	67.0	23.5	44.6	29.2	36.2	76.0	20.0	51.2	34.7	42.3
March	68.0	17.0	53.3	34.8	43.0	80.0	16.0	56.9	38.3	46.8
April	71.5	26.5	54.7	36.7	45.0	83.5	24.0	61.6	41.6	51.0
May	75.0	27.0	64.9	44.8	55.5	92.0	27.0	69.7	48.2	58.6
June	91.5	29.0	65.3	45.0	54.2	96.0	29.0	76.2	54.4	65.0
July	88.0	49.5	79.9	59.8	69.1	102.0	39.5	85.6	62.9	73.5
August	99.5	55.0	84.5	63.3	72.9	99.5	40.0	86.1	63.5	73.8
September	92.5	40.5	80.3	59.9	69.2	96.5	35.0	81.1	58.2	68.6
Annual	99.5	17.0	63.4	45.3	53.4	102.0	13.0	67.4	47.7	56.8

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F

Bell Watershed No. 2 Climatic Station, Elevation 2,800 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1936-37					1937-38				
October	93.0	48.0	78.2	56.1	65.1	94.0	43.5	83.0	58.3	66.6
November	87.0	42.0	74.2	53.2	62.0	82.5	41.0	72.0	49.2	56.6
December	74.0	30.0	61.5	43.5	51.0	79.5	33.5	66.9	47.0	53.6
January	56.0	22.0	47.6	31.1	38.4	80.5	34.0	65.8	44.8	51.9
February	71.0	30.0	59.8	39.9	48.6	72.0	32.0	57.0	40.1	45.9
March	76.5	30.5	62.3	42.9	50.9	74.0	33.0	58.7	39.0	45.9
April	83.0	35.0	67.3	45.7	55.4	86.0	34.0	61.2	44.6	52.0
May	92.0	44.0	70.1	50.8	59.4	93.0	35.5	70.9	50.0	57.4
June	96.0	46.0	78.8	55.8	65.5	91.0	46.0	75.8	53.3	61.1
July	98.0	50.0	88.6	65.3	74.2	103.0	45.5	87.0	62.5	71.5
August	100.0	56.0	91.7	65.4	75.8	104.5	50.0	88.2	62.3	71.3
September	103.0	51.0	89.0	63.3	74.1	100.5	56.0	88.8	63.9	72.3
Annual	103.0	22.0	72.5	51.1	60.1	104.5	32.0	73.1	51.3	58.9
	1938-39					1939-40				
October	94.5	41.0	71.3	50.8	59.1	94.0	43.0	80.5	56.8	65.1
November	78.0	36.0	67.7	46.4	55.2	85.5	47.0	77.0	53.9	61.5
December	89.0	36.0	68.4	49.1	56.8	87.5	34.5	73.4	49.3	57.4
January	73.0	35.0	60.6	42.1	50.4	74.0	37.0	62.3	45.3	49.5
February	74.0	26.0	55.5	36.8	45.2	72.0	34.5	60.2	41.8	47.2
March	84.0	34.0	68.5	47.3	56.5	78.0	35.0	67.8	45.8	52.9
April	90.0	32.0	71.9	51.6	60.4	88.0	36.0	68.8	47.6	54.5
May	89.0	41.0	70.6	51.2	59.5	90.0	44.0	73.9	49.9	59.2
June	89.5	45.0	80.4	57.0	67.8	93.0	47.0	83.9	58.1	68.2
July	102.5	48.0	87.3	63.1	73.6	101.5	50.0	90.1	63.0	74.0
August	98.0	54.0	90.1	66.5	76.8	101.0	48.0	92.5	64.7	75.9
September	102.5	48.0	84.0	61.6	71.3	93.0	50.0	85.2	58.9	68.9
Annual	102.5	26.0	73.1	52.1	61.2	101.5	34.5	76.4	53.0	61.3

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Bell Watershed No. 2 Climatic Station, Elevation 2,800 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1940-41					1941-42				
October	98.0	39.0	80.6	55.9	66.6	93.1	39.5	72.5	50.7	60.7
November	83.5	38.0	69.9	48.6	57.5	91.0	38.0	75.2	52.2	62.2
December	85.0	35.0	67.0	47.6	55.6	81.5	32.0	62.4	42.0	50.7
January	71.0	38.0	60.6	43.3	50.3	81.0	29.5	66.0	44.8	53.7
February	73.0	38.0	61.3	44.3	51.6	68.5	31.0	60.7	39.4	49.2
March	78.0	35.5	64.0	44.0	52.9	81.0	30.0	65.7	42.8	53.5
April	75.0	34.5	61.8	41.9	52.4	78.0	33.5	62.3	43.2	52.0
May	87.0	39.5	73.1	52.7	62.5	98.0	39.0	71.0	47.8	58.7
June	94.0	43.0	70.9	50.0	61.4	96.0	44.0	79.3	54.0	65.7
July	100.0	52.0	87.5	63.1	73.9	105.0	58.0	92.0	66.1	77.8
August	94.0	51.0	85.4	61.3	71.4	99.0	47.5	88.6	63.4	74.6
September	93.0	48.0	82.2	57.0	68.1	97.0	48.0	85.3	59.7	71.4
Annual	100.0	34.5	72.1	50.9	60.4	105.0	29.5	73.5	50.6	60.9
	6-year period 1936-42									
October	98.0	39.0	77.7	54.8	63.9					
November	91.0	36.0	72.7	50.6	59.2					
December	89.0	30.0	66.6	46.4	54.2					
January	81.0	22.0	60.5	41.9	49.0					
February	74.0	26.0	59.1	40.4	47.9					
March	84.0	30.0	64.5	43.6	52.1					
April	90.0	32.0	65.5	45.8	54.4					
May	98.0	35.5	71.6	50.4	59.4					
June	96.0	43.0	78.2	54.7	64.9					
July	106.0	45.5	88.8	63.8	74.2					
August	104.0	48.0	89.4	63.9	74.3					
September	103.0	48.0	85.7	60.7	71.0					
Annual	106.0	22.0	73.5	51.5	60.5					

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Bell Watershed No. 4 Climatic Station, Elevation 2,800 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1936-37					1937-38				
October	93.0	47.0	75.6	55.8	64.5	91.5	46.0	80.8	60.6	69.3
November	84.0	40.0	72.6	52.7	61.2	79.0	41.0	70.6	51.2	59.0
December	73.0	26.0	59.8	42.3	49.9	78.0	34.0	66.5	48.8	56.1
January	56.0	22.5	44.8	28.6	35.7	77.5	29.0	64.9	47.1	54.3
February	70.5	33.5	59.4	40.8	49.3	71.0	31.0	55.9	40.6	47.0
March	75.5	30.0	63.0	44.1	52.2	71.0	33.0	58.0	39.7	47.5
April	82.0	32.0	68.8	47.0	57.6	84.0	34.0	64.5	45.6	53.9
May	91.0	43.0	70.7	51.3	60.5	90.5	42.0	70.2	51.1	59.4
June	94.0	46.0	78.6	57.3	66.9	90.0	45.0	75.0	54.2	63.0
July	96.0	49.0	88.0	67.2	77.9	101.0	51.0	85.3	64.5	74.2
August	97.0	56.0	89.6	68.5	78.7	106.5	49.0	86.8	63.8	74.1
September	99.0	50.0	86.2	65.1	75.7	99.0	52.0	87.1	66.7	76.2
Annual	99.0	22.5	71.5	51.8	60.9	106.5	29.0	72.2	52.9	61.3
	1938-39					1939-40				
October	85.0	40.0	73.1	54.1	61.9	90.5	43.0	77.5	59.4	67.0
November	80.0	35.0	68.8	49.6	57.6	81.0	48.0	71.5	55.7	63.2
December	86.0	35.0	65.4	48.3	55.1	85.0	36.0	70.0	52.0	59.4
January	71.0	35.0	58.7	41.8	49.0	72.5	38.0	60.9	46.5	52.1
February	72.0	25.0	53.2	35.8	43.5	73.0	36.0	59.9	43.5	50.5
March	81.0	33.0	60.0	42.2	49.9	75.0	36.0	65.5	47.0	54.8
April	82.0	35.5	68.8	49.1	57.8	87.5	37.0	66.0	47.0	55.8
May	86.0	40.0	67.7	48.9	56.9	90.0	43.0	73.9	53.8	62.9
June	93.0	44.0	78.5	55.1	66.5	92.0	46.0	80.7	58.3	68.6
July	100.0	48.5	85.6	62.3	72.8	98.5	48.0	86.9	63.6	74.8
August	95.0	53.0	88.4	66.6	76.5	99.0	49.0	88.6	65.2	76.4
September	101.5	50.5	83.7	62.2	71.5	91.0	50.0	81.3	59.7	68.8
Annual	101.5	25.0	71.1	51.4	60.0	99.0	36.0	73.7	54.4	62.9

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F

Bell Watershed No. 4 Climatic Station, Elevation 2,800 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1940-41					1941-42				
October	95.0	40.0	79.3	56.5	67.0	91.0	39.0	71.3	49.1	60.3
November	81.0	38.5	68.8	49.7	58.3	89.0	37.5	72.7	50.7	61.7
December	83.0	36.0	65.9	48.3	56.2	80.0	32.0	60.2	39.6	50.0
January	68.0	38.0	57.7	42.7	49.4	69.5	30.0	63.4	43.2	53.1
February	74.0	38.0	59.1	43.2	50.4	70.0	30.5	58.5	37.5	48.2
March	78.0	32.0	61.8	44.0	52.0	81.0	29.0	63.3	40.8	52.7
April	73.0	34.0	60.1	40.6	50.5	73.0	32.5	61.1	40.5	50.9
May	86.0	40.0	72.7	52.8	62.6	98.0	38.5	71.7	47.5	60.0
June	89.0	43.0	72.8	51.9	62.5	100.5	43.0	79.6	53.7	67.0
July	97.0	53.5	87.7	65.3	75.8	101.5	57.5	92.2	65.3	79.7
August	96.5	50.5	82.5	60.9	70.7	98.0	45.5	88.1	63.0	76.0
September	93.0	47.0	79.2	55.3	66.8	96.0	48.0	84.7	59.7	73.1
Annual	97.0	32.0	70.7	51.0	60.3	101.5	29.0	72.3	49.3	61.1
	6-year period 1936-42									
October	95.0	39.0	76.3	55.9	65.0					
November	89.0	35.0	70.8	51.6	60.2					
December	86.0	26.0	64.6	46.5	54.4					
January	77.5	22.5	58.4	41.6	48.9					
February	74.0	25.0	57.7	40.2	48.1					
March	81.0	29.0	61.9	43.0	51.5					
April	87.5	32.0	64.9	45.0	54.4					
May	98.0	38.5	71.2	50.9	60.4					
June	100.5	43.0	77.5	55.1	65.7					
July	101.5	48.0	87.6	64.7	75.9					
August	106.5	45.5	87.3	64.7	75.4					
September	101.5	47.0	83.7	61.4	72.0					
Annual	106.5	22.5	71.9	51.8	61.1					

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Fern Small Watershed No. 1 Climatic Station, Elevation 5,200 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1937-38					1938-39				
October	82.5	38.0	72.6	54.5	61.7	73.0	34.0	64.9	46.6	54.4
November	71.0	33.0	62.5	44.9	52.7	67.5	27.0	60.2	40.4	50.4
December	69.0	25.5	55.9	41.7	48.5	77.0	31.0	55.7	40.8	48.2
January	63.0	27.5	54.5	39.4	46.6	60.5	21.0	51.0	35.0	43.2
February	60.0	24.0	48.9	34.8	41.3	65.5	15.0	44.4	27.7	36.0
March	61.0	26.0	49.4	33.0	40.9	73.0	25.0	55.7	37.5	46.1
April	77.0	25.0	59.3	40.7	49.8	77.0	27.0	65.7	46.6	56.0
May	83.0	29.5	65.5	47.0	56.1	84.0	35.0	68.0	47.7	57.6
June	85.5	38.0	73.5	54.9	63.3	87.0	40.0	75.8	55.3	65.7
July	93.0	49.0	82.5	64.2	72.2	91.0	51.0	82.9	63.5	72.7
August	93.0	51.0	81.5	63.8	71.3	95.0	64.0	85.4	66.5	75.2
September	93.0	58.0	80.2	62.2	69.4	89.0	41.0	72.9	56.8	65.3
Annual	93.0	24.0	65.6	48.5	56.2	95.0	15.0	65.4	47.2	56.0
	1939-40					1940-41				
October	77.0	35.0	66.8	50.4	57.6	84.0	32.5	70.7	51.7	59.6
November	70.0	37.0	64.5	49.9	55.9	71.0	30.0	59.8	43.1	50.4
December	72.0	29.0	60.7	45.1	52.2	73.0	30.0	56.5	41.9	48.4
January	65.0	31.0	52.6	39.8	45.6	60.0	30.0	50.3	36.5	42.3
February	61.0	28.5	50.0	37.2	44.2	64.0	32.0	51.2	37.3	43.3
March	71.5	27.0	57.3	42.7	50.5	68.5	30.0	54.3	38.6	44.9
April	77.0	30.0	57.5	43.5	51.1	67.0	28.0	53.8	37.8	45.2
May	81.0	40.0	68.8	52.8	61.6	80.0	35.0	67.8	49.8	58.4
June	88.0	47.0	78.2	61.5	70.4	81.5	35.0	70.8	52.1	61.1
July	92.5	48.0	80.2	62.5	71.7	93.0	43.0	82.6	63.3	72.2
August	95.0	56.0	84.6	67.0	75.7	86.0	48.5	78.4	58.8	67.4
September	84.0	44.0	73.6	55.6	64.2	86.0	41.0	73.9	52.8	62.4
Annual	95.0	27.0	66.3	50.8	58.5	93.0	28.0	64.3	47.1	54.7

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Fern Small Watershed No. 1 Climatic Station, Elevation 5,200 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1941-42					1942-43				
October	81.0	31.0	61.3	45.3	51.1	83.0	32.0	67.9	51.7	58.1
November	78.0	31.0	63.8	47.4	53.6	78.0	31.0	63.2	46.3	53.5
December	71.0	24.0	51.1	35.4	41.4	72.0	33.0	57.7	41.7	48.6
January	71.0	20.5	54.8	40.2	45.4	75.0	26.0	52.5	38.1	44.3
February	63.0	22.5	49.6	33.0	39.0	74.0	22.0	55.4	38.7	46.2
March	72.0	22.5	55.5	38.1	44.8	69.0	33.0	53.8	38.9	45.6
April	67.0	28.0	54.2	37.6	44.4	77.0	24.5	61.1	44.2	52.2
May	86.0	31.5	64.2	45.2	53.3	85.0	36.0	70.5	51.1	59.6
June	89.0	46.0	77.3	57.1	66.0	85.0	34.5	69.9	51.8	59.9
July	95.5	56.0	88.2	69.5	77.1	96.0	52.0	83.6	63.7	73.1
August	95.0	42.5	84.2	64.5	72.5	89.0	55.0	81.5	62.9	71.2
September	87.0	44.0	79.5	59.8	67.3	93.0	52.0	81.8	62.8	70.9
Annual	95.5	20.5	65.4	47.8	54.8	96.0	22.0	66.6	49.4	57.0
	1943-44					7-year period, 1937-44				
October	87.5	32.0	69.3	51.3	58.5	87.5	31.0	67.7	50.2	57.3
November	74.0	31.0	63.4	47.2	53.6	78.0	27.0	62.5	45.6	52.9
December	63.5	26.0	49.1	35.5	41.6	73.0	24.0	55.3	40.3	47.0
January	71.5	25.0	51.2	37.2	43.0	75.0	20.5	52.4	38.0	44.3
February	66.0	25.0	44.5	30.5	36.8	74.0	15.0	49.1	34.2	41.0
March	68.5	22.0	53.2	37.8	44.7	73.0	22.0	54.1	38.1	45.3
April	73.5	28.0	55.0	37.4	45.6	77.0	24.5	58.1	41.1	49.2
May	76.0	29.5	65.2	46.5	55.2	86.0	29.5	67.2	48.6	57.4
June	91.0	32.0	65.7	47.5	56.3	91.0	32.0	73.0	54.3	63.2
July	86.5	51.0	79.1	61.0	69.2	96.0	43.0	82.7	64.0	72.6
August	98.0	57.0	83.8	64.3	73.0	98.0	42.5	82.8	64.0	72.3
September	92.0	41.5	81.1	60.2	69.6	93.0	41.0	77.6	58.6	67.7
Annual	98.0	22.0	63.5	46.4	53.8	98.0	15.0	65.3	48.2	55.8

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature, °F.

Monroe Canyon Climatic Station, Elevation 1,700 feet

Month	Absolute		Mean			Absolute		Mean		
	Max.	Min.	Max.	Min.	Mean	Max.	Min.	Max.	Min.	Mean
	1942-43					1943-44				
October	93.5	37.0	78.7	45.1	56.6	97.0	35.0	76.7	47.0	58.0
November	88.5	31.5	72.5	39.9	49.4	83.0	34.0	73.0	40.8	51.7
December	82.0	30.5	65.9	36.0	44.7	74.0	30.5	58.2	37.3	45.4
January	81.0	26.0	62.6	37.6	45.4	80.0	28.0	60.2	34.9	44.5
February	83.5	28.0	66.4	38.6	48.0	72.5	27.5	55.0	33.6	42.7
March	74.0	34.0	62.8	41.9	49.4	78.5	28.0	63.8	37.8	49.0
April	86.0	32.5	68.7	43.1	52.4	77.0	30.5	64.5	37.2	49.4
May	88.0	35.0	76.6	46.4	57.9	88.5	37.0	68.9	43.4	54.8
June	93.0	36.5	79.5	45.1	58.9	88.5	37.5	72.2	45.3	56.7
July	104.0	44.0	86.0	49.8	65.2	94.5	39.5	81.0	46.0	60.6
August	93.5	44.0	86.5	51.7	66.0	103.0	43.0	88.4	51.1	66.4
September	105.5	45.5	89.2	52.6	66.5	103.0	42.5	80.7	51.7	63.2
Annual	105.5	26.0	74.7	44.0	55.2	103.0	27.5	70.3	42.2	53.6

SAN DIMAS EXPERIMENTAL FOREST
Air Temperature Summary

10-year period, 1933-34 to 1942-43

Month	San Dimas Canyon	Tanbark Flat	San Gabriel Divide	Fern Canyon	Year	San Dimas Canyon	Tanbark Flat	San Gabriel Divide	Fern Canyon
	Mean Maximum, °F.					Mean minimum, °F.			
October	78.6	73.0	73.4	68.6		49.9	49.0	53.6	49.3
November	73.6	67.4	67.1	63.0		45.4	43.4	49.3	44.2
December	65.7	61.9	59.6	56.4		42.2	40.6	43.4	39.8
January	62.5	58.4	55.9	52.6		39.6	38.2	39.9	36.1
February	62.3	57.4	54.9	51.9		40.2	37.6	38.2	35.2
March	66.4	61.5	60.7	57.3		41.4	39.8	41.5	38.7
April	71.8	65.7	65.4	62.3		45.1	42.2	43.6	42.1
May	78.0	71.5	72.6	70.1		48.7	46.0	50.2	48.6
June	83.4	77.6	79.8	77.3		50.6	49.8	56.5	55.4
July	92.9	86.2	89.1	86.2		56.0	57.9	65.4	63.2
August	92.6	86.4	89.4	86.3		57.2	58.9	65.6	63.5
September	90.3	83.0	84.7	81.2		55.7	56.1	60.8	58.1
Annual	76.6	70.9	71.1	67.8		47.8	46.7	50.8	48.0
	Mean Mean, °F					Annual mean, °F.			
October	62.8	60.2	57.1	57.7	1933-34	59.4	60.9	63.3	60.6
November	57.7	54.5	58.2	52.4	1934-35	59.6	56.8	59.0	56.9
December	53.1	50.2	46.5	47.4	1935-36	61.1	57.7	62.1	59.3
January	50.4	47.4	49.8	43.5	1936-37	60.5	57.9	60.1	56.5
February	51.0	47.0	44.2	42.9	1937-38	61.9	58.7	57.6	58.0
March	53.4	50.2	49.2	47.2	1938-39	61.5	57.8	57.6	56.3
April	57.5	53.4	48.9	51.6	1939-40	62.5	59.4	61.2	57.9
May	62.3	58.4	57.6	59.0	1940-41	60.5	58.1	57.3	55.5
June	65.7	63.4	67.2	66.0	1941-42	60.2	56.3	58.7	53.8
July	72.8	71.8	79.4	73.9	1942-43	61.6	58.1	60.7	56.2
August	72.9	72.8	75.9	73.9					
September	70.5	68.7	71.4	68.6					
Annual	60.9	58.2	58.9	57.1					